

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

MONS:017US

10/511,669

Applicant

Neal A. Bringe

Kanthasamy Karunanandaa

Filing Date:

Group:

October 18, 2004

1654

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P A T E N T & T R A D E M A R K O F F I C E
O I P E
List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/A.M./	A1	5,559,220	9/24/96	Ohlrogge	536	23.6	4/7/95
/A.M./	A2	5,855,892	1/5/99	Potter	424	757	9/19/97
/A.M./	A3	6,136,367	10/24/00	Hoie	424	757	8/28/98
/A.M./	A4	6,171,640	1/9/01	Bringe	426	656	10/7/98

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
/A.M./	B1	JP 2001-114800	4/24/01	Japan			Yes
	B2	JP 2002-101820	4/09/02	Japan			Yes
	B3	WO 00/30602	6/2/00	WIPO			
↓	B4	WO 00/30663	6/2/00	WIPO			
/A.M./	B5	WO 89/01495	2/23/89	WIPO			Yes

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/A.M./	C1	Abell, "Targeting and topology of seed oleosins," Ph.D. Dissertation, Department of Biological Sciences, Calgary, Alberta, Canada, May, 1999.
	C2	Anderson <i>et al.</i> , "Meta-analysis of the effects of soy protein intake on serum lipids," <i>N Engl J Med</i> , 333(5):276-282, 1995.
↓	C3	Anthony <i>et al.</i> , "Neither isoflavones nor the alcohol-extracted fraction added to alcohol-washed soy protein isolate restores the lipoprotein effects of soy protein isolate," <i>4th International Symposium on the Role of Soy Preventing and Treating Chronic Disease</i> , p 35, San Diego, CA, November 4-7, 2001.
/A.M./	C4	Bringe and Cheng, "Low-fat, low-cholesterol egg yolk in food applications," <i>Food Tech</i> , 49(5):94-106, 1995.

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EXAMINER: /Abdel Mohamed/

DATE CONSIDERED: 09/14/2008

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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/A.M./	C5	Bringe, , "Properties of low-fat, low cholesterol egg yolk prepared by supercritical CO ₂ extraction," <i>Adv Exp Med Biol</i> , 415:161-181, 1997.
	C6	Clarkson <i>et al.</i> , "A paradoxial association between plasma isoflavone concentrations on a soy-containing diet, and both plasma lipoproteins and atherosclerosis," <i>4th International Symposium on the Role of Soy Preventing and Treating Chronic Disease</i> , p 35, San Diego, CA, November 4-7, 2001.
	C7	Forsythe <i>et al.</i> , "Dietary protein effects on cholesterol and lipoprotein concentrations: a review," <i>J Am Coll Nutr</i> , 5:533-549, 1986.
	C8	Fransen <i>et al.</i> , "Oil bodies and their associated proteins, oleosin and caleosin," <i>Physiol Plant</i> , 112(3):301-307, 2001.
	C9	GenBank Accession Number AAA67699.
	C10	GenBank Accession Number AAA68065.
	C11	GenBank Accession Number AAA68066.
	C12	GenBank Accession Number CAA55348.
	C13	GenBank Accession Number P29530.
	C14	GenBank Accession Number P29531.
	C15	Hori <i>et al.</i> , "Cholesterol-lowering effects of isolated soybean protein hydrolysate with bound phospholipids in rats," <i>J Jpn Soc Nutr Food Sci</i> , 52:135-145, 1999.
	C16	Hori <i>et al.</i> , "Soy protein hydrolysate with bound phospholipids reduces serum cholesterol levels in hypercholesterolemic adult male volunteers," <i>Biosci Biotechnol Biochem</i> , 65(1):72-78, 2001.
	C17	Huang, "Oleosins and oil bodies in seeds and other organs," <i>Plant Physiol</i> , 110:1055-1061, 1996.
↓	C18	Iwami <i>et al.</i> , "Characterization of a major bile acid-binding peptide from the peptic-pancreatic digest of soybean protein," <i>Soy Protein Res Com Japan</i> , 15:74-80, 1994.
/A.M./	C19	Iwami <i>et al.</i> , "Molecular recognition of bile acids by soy protein and modeling of its mimetics," <i>English Title of the S.P.R.C. Report</i> Vol. 22, abstract from <i>Soy Protein Research, Japan</i> , 4:58-64, 2001.

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/A.M./	C20	Kanamoto <i>et al.</i> , "Soybean 'resistant protein' that prevents colon and liver carcinogenesis induced by bile acids in rat," <i>4th International Symposium on the Role of Soy Preventing and Treating Chronic Disease</i> , A-13, p 42, San Diego, CA, November 4-7, 2001.
	C21	Keenan, "Milk lipid globules and their surrounding membrane: a brief history and perspectives for future research," <i>J Mammary Gland Biol Neoplasia</i> , 6(3):365-371, 2001.
	C22	Leber <i>et al.</i> , <i>Yeast</i> , 10:1421-1428, 1994.
	C23	Lovati <i>et al.</i> , "Soy protein peptides regulate cholesterol homeostasis in Hep G2 cells," <i>J Nutr</i> , 130:2543-2549, 2000.
	C24	Morita <i>et al.</i> , "Resistant proteins alter cecal short-chain fatty acid profiles in rats fed high amylose cornstarch," <i>J Nutr</i> , 128:1156-1164, 1998.
	C25	Murphy <i>et al.</i> , "A class of amphipathic proteins associated with lipid storage bodies in plants. Possible similarities with animal serum apolipoproteins," <i>Biochim Biophys Acta</i> , 1088:86-94, 1991.
	C26	Nagaoka <i>et al.</i> , "Identification of novel hypocholesterolemic peptides derived from bovine milk beta-lactoglobulin," <i>Biochem Biophys Res Comm</i> , 281:11-17, 2001.
	C27	Nagaoka <i>et al.</i> , "Soy protein peptic hydrolysate with bound phospholipids decreases micellar solubility and cholesterol absorption in rats and caco-2 cells," <i>J Nutr</i> , 129:1725-1730, 1999.
	C28	Oakenfull, "Soy proteins, saponins and plasma cholesterol," Letter to the Editor, <i>J Nutr</i> , 131:2971-2972, 2001.
	C29	Pieper-Fürst <i>et al.</i> , "Purification and characterization of a 14-kilodalton protein that is bound to the surface of polyhydroxyalkanoic acid granules in <i>rhodococcus ruber</i> ," <i>J Bacteriol</i> , 176:4328-4337, 1994.
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↓	C31	Roessler, <i>J Phycol</i> , "Effects of silicon deficiency on lipid composition and metabolism in the diatom <i>cyclotella cryptica</i> ," (London), 24:394-400, 1988.
/A.M./	C32	Samoto <i>et al.</i> , "Improvement of the off-flavor of soy protein isolate by removing oil-body associated proteins and polar lipids," <i>Biosci Biotechnol Biochem</i> , 62(5):935-940, 1998.

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/A.M./	C33	Sitori <i>et al.</i> , "Reduction of serum cholesterol by soy proteins: clinical experience and potential molecular mechanisms," <i>Nutr Metab Cardiovasc Dis</i> , 8:334-340, 1998.
	C34	Sugano <i>et al.</i> , "The hypocholesterolemic action of the undigested fraction of soybean protein in rats," <i>Atherosclerosis</i> , 72:115-122, 1988.
	C35	Ting <i>et al.</i> , "Oleosin of plant seed oil bodies is correctly targeted to the lipid bodies in transformed yeast," <i>J. Biol. Chem.</i> , 272(6):3699-3706, 1997.
	C36	Tzen and Huang, "Surface structure and properties of plant seed oil bodies," <i>J. Cell Biol</i> , 117:327-335, 1992.
	C37	Utsumi <i>et al.</i> , In: <i>Food Proteins and Their Applications</i> , Damodaran and Paraf (eds.), Marcel Dekker, Inc., NY, 1997.
	C38	Wu <i>et al.</i> , "Genomic cloning of 18 kDa oleosin and detection of triacylglycerols and oleosin isoforms in maturing rice and postgerminative seedlings," <i>J. Biochem</i> , 123:386-391, 1998.
	C39	Yoshikawa <i>et al.</i> , "Study on a low molecular weight peptide derived from soybean protein having hypocholesteremic activity," <i>Soy Protein Research, Japan</i> , 2:125-128, 1999.
↓	C40	Zweytick <i>et al.</i> , "Intracellular lipid particles of eukaryotic cells," <i>Biochim Biophys Acta</i> , 1469:101-120, 2000.
/A.M./	C41	Kambara <i>et al.</i> , "Effects of soybean b-conglycin on serum high triacylglycerol level lowering and bmi in human subjects and study of long-term and large intake of soybean b-conglycin on clinical parameters," <i>J of Nutritional Food</i> , 7:1-19, 2004.

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